



U.S. Department
of Transportation

Research and
Special Programs
Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE NUMBER USA/0088/S, REVISION 5

400 Seventh Street, S.W.
Washington, D.C. 20590

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive materials.

1. Source Identification - Dresser Atlas Model DA-20.
2. Source Description - The source is a heliarc welded double encapsulation of stainless steel with an outer diameter of 27 mm (1.05 in) and a length of 134 mm (5.3 in). The inner capsule has an outer diameter of 20.3 mm (0.80 in), and a length of 98 mm (3.84 in). The source is manufactured in accordance with drawings numbers A-1010 and A-1011 (attached).
3. Radioactive Contents - This neutron source consists of not more than 0.74 TBq (20 Ci) of a pressed powder pellet of Americium-241 Beryllium in a solid oxide form.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations¹ shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires August 31, 2002.

This certificate is issued in accordance with paragraph 703 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the petition and information dated May 27, 1997 submitted by Western Atlas International, Houston, TX, and in consideration of other information on file in this Office.

Certified by:

Alan I. Roberts

Associate Administrator for Hazardous Materials Safety

AUG 27 1997

(DATE)

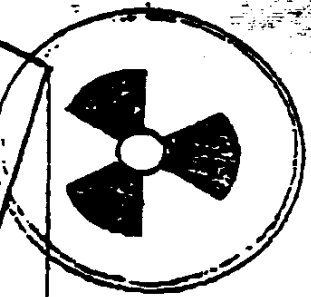
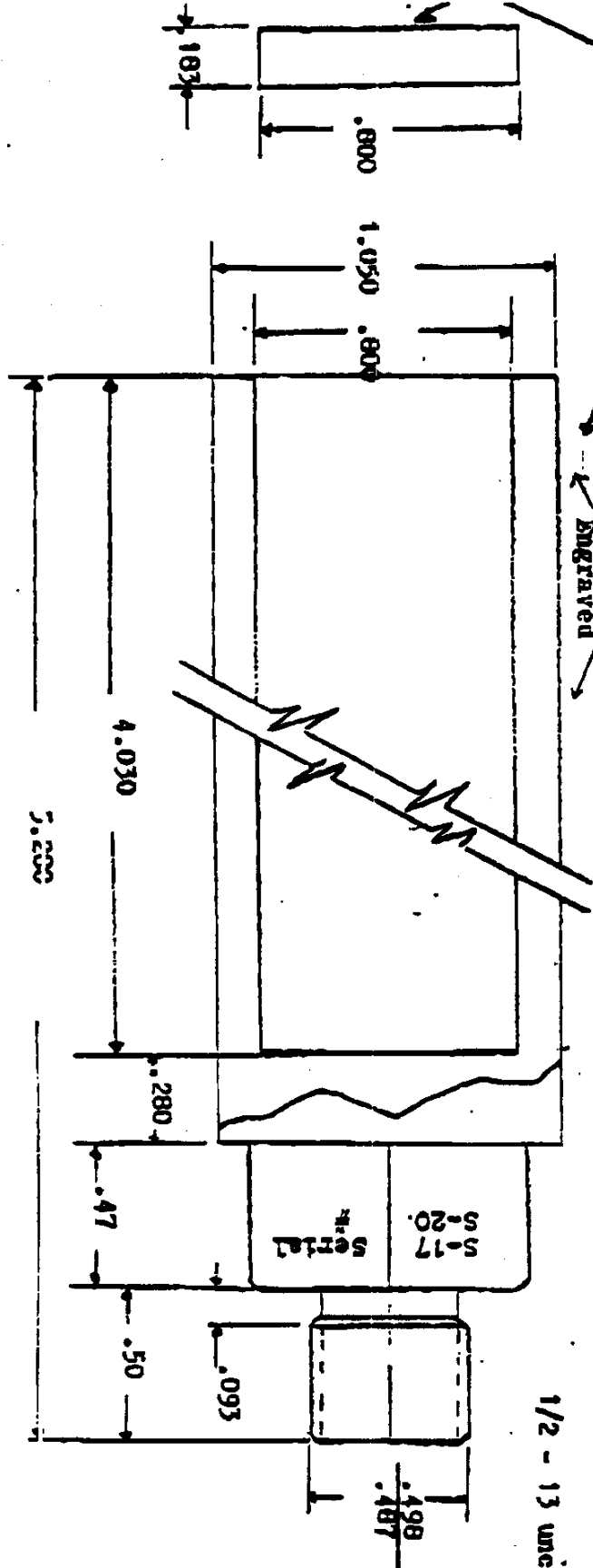
Revision 5 - Issued to update to the 1985 IAEA regulations and to extend the expiration date.

1 "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1985 Edition, as amended 1990", published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

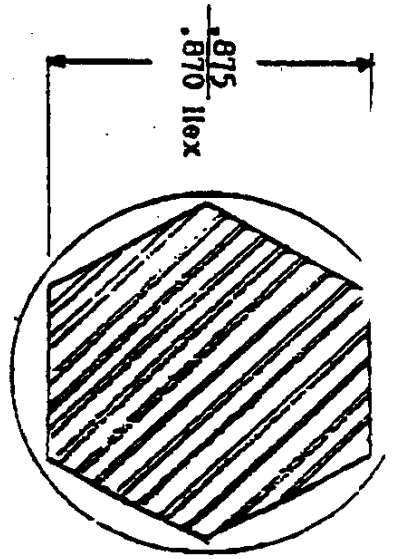
2 Title 49, Code of Federal Regulations, Parts 100 - 199, United States of America.

4/12

OUTER CASE



Engrave Symbol on End or Side



.875
.870 Hex

1/2 - 13 unc

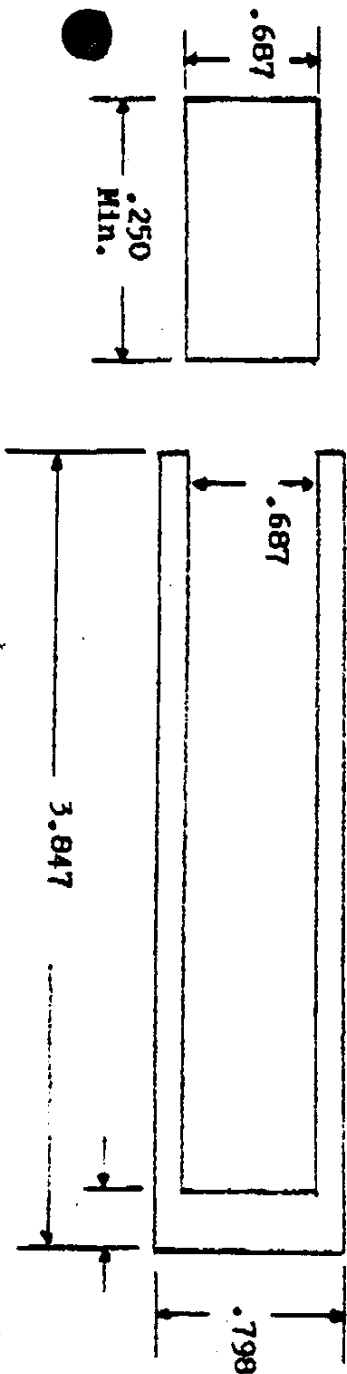
GAMMATRON INC.

DA-20

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A-1010

INNER CAPSULE



REVISIONS			GAMMATRON			
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1			INNER CAPSULE MODEL DA-20			
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5			DRAWN BY	DCJ	SCALE	MATERIAL 17-4
			CHECKED		DATE	DRAWING NO.
			TRACED		APP'D	
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